30. How has the current law regarding the electric market structure (i.e. electric choice) dealt with renewable energy compliance? How have other states with deregulated and regulated systems addressed compliance?

As a general matter, while the presence of retail choice in a state will generally require that certain details of the renewable portfolio standard be tailored to that fact, there is no indication that retail choice has a bearing on the feasibility of adopting a renewable portfolio standard or of achieving a renewable portfolio standard if adopted.

The table on the following page summarizes state renewable portfolio standards as of March 2013, along with compliance information and status of retail choice. State renewable portfolio standards vary in many details, so the targets here are indicative rather than strictly comparable. All data are from the Database of State Incentives for Renewables and Efficiency (www.dsireusa.org).

Note that all fifteen retail choice states also have a renewable portfolio standard, while an equal fifteen states have a renewable portfolio standard but do not allow retail choice, and another twenty states have neither. The unweighted average ultimate standard for the retail-choice states is 22.38% while the unweighted average ultimate standard for the non-retail-choice states is 21.1%, a difference which is likely unrelated to the state's choice decision but is driven by either the natural endowments of the state or the tenure of its renewable portfolio standard. Similarly, there a few states that have fallen short of achieving their 2010 requirements for renewable generation, but some are in states with retail choice and some are in states without retail choice.

State	Renewable Portfolio Standard	2010 RPS Obligation	2012 RPS Obligation	2010 RPS Attainment as % of 2010 Obligation	Retail Choice State?
Arizona	15% by 2025	2.5%	3.5%	93%	
California	33% by 2020	20%	20%	86%	
Colorado	30% by 2020	5%	12%	100%	
Connecticut	27% by 2020	14%	16%	No data	Yes
Delaware	25% by 2026	3%	4%	99%	Yes
District of Columbia	20% by 2020	5.5%	7.5%	100%	
Hawaii	40% by 2030	10%	10%	100%	
Illinois	25% by 2025	4%	6%	100%	Yes
Iowa	105 MW by 2000	105 MW	105 MW	100%	
Kansas	20% by 2020	10%	10%	Not applicable	
Maine	40% by 2017	33%	35%	100%	Yes
Maryland	20% by 2022	5.25%	8.91%	100%	Yes
Massachusetts	32.1% by 2030	11.32%	12.937%	74%	Yes
Michigan	10% by 2015	0%	4.8%	Not applicable	10%
Minnesota	25% by 2025	12.5%	15.0%	100%	
Missouri	15% by 2021	0%	2%	Not applicable	
Montana	15% by 2015	10%	10%	98%	
New Hampshire	23.8% by 2025	7.54%	9.58%	90%	Yes
New Jersey	22.5% by 2021	7.406%	7.992%+4 42 GWH	100%	Yes
New Mexico	20% by 2020	6%	8.2%	100%	
Nevada	25% by 2025	12%	15%	100%	
New York	29% by 2015	21.935%	24.558%	96%	Yes
North Carolina	12.5% by 2021	0.02%	3%	100%	Yes
Ohio	12.5%/25% by 2025	0.5%	1.5%	100%	
Oregon	25% by 2025	0%	5%	Not applicable	Yes
Pennsylvania	18% by 2021	6.522%	9.721%	No data	Yes
Rhode Island	16% by 2020	4.5%	6.5%	100%	Yes
Texas	5880 by 2015	4264 MW	5256 MW	100%	Yes
Washington	15% by 2020	0%	3%	Not applicable	
Wisconsin	10% by 2015	5.57%	5.57%	100%	